



Additional Data File 6: Example from CellProfiler analysis of DNA content (cell cycle) in *Drosophila* Kc167 cells. The image shown is the top left quadrant of the first of a random image from a large image set. Based on DNA content (integrated intensity of DNA staining within the nucleus), cells within each of the following categories are marked with red plus signs: (A) 2N DNA content, (B) 4N DNA content, (C) 8N+ DNA content. Scale bar = 10 μ m.